

Figure 5 - Calculation of Source Area



0 0.02 0.04 0.08 0.12 0.16  
Miles

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SOURCE - The base data used in this map is a digital version of a February 15, 1973 aerial photograph of the source area. Negative frame 14-13. This aerial photograph was obtained by the TCEQ from Aerial Viewpoint, P.O. Box 12289, Spring, Texas 77391-2289. (261) 370-7502 (Ref. 17), UTM NAD83 Zone 15

This map was generated by Marshall Cedilote of the TCEQ on July 12, 2007. This map was not generated by a licensed surveyor.

**San Jacinto River Waste Pits  
Harris County, Texas**

EPA ID# TXN000606611

Area of "A" = 132,386 square feet

Area of "B" = 46,182 square feet

Area of "C" = 188,641 square feet

**TOTAL AREA = 367,209 square feet\***

\* Total area was calculated in ArcGIS 9.1 (Ref. 8, p. 001)



## Health Considerations

The primary hazardous substances that have been documented at the San Jacinto River Waste Pits site are polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans. Samples collected in the disposal pits and in the San Jacinto River have dioxin concentrations as high as 70,000 parts per trillion. Fish tissue samples have been collected by the Texas Department of Fish and Wildlife, and dioxin has been found in both fish and crab tissue samples above a health based benchmark.

Sediment, water, and tissue samples collected in the vicinity of the impoundments show elevated levels of dioxins. A consumption advisory based on dioxin is in place on this segment of the watershed. The current advisory recommends that adults eat no more than one meal per month caught from the advisory area, and suggests that women of childbearing age and children not consume any blue crabs or fish from the advisory area.

## Record of Decision

A Record of Decision will be completed during the Remedy Selection.